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(54) Title: PROCESS FOR PREPARING POROUS POLYMERS AND POLYMERS THEREOF

(57) Abstract: A process for obtaining porous propylene polymers optionally containing up to 10% by mol of derived units of one or more alpha-olefins of formula  $\text{CH}_2=\text{CHZ}$  wherein Z is H or a  $\text{C}_2\text{-C}_{10}$  alkyl radical, comprising the step of polymerizing propylene and optionally said one or more alpha olefins, under polymerization conditions, in the presence of a catalyst system comprising at least a metallocene compound, said process being characterized in that: a) the catalyst system is supported on an organic porous polymer; and b) at least part of the polymerization reaction is carried out in the presence of hydrogen.

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